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DPD-3287-62

23 May 1962

MEMORANDUM FOR : Deputy Director (Research)  
THROUGH : Acting Chief, Development Projects Division

SUBJECT :

[REDACTED]

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1. We were shown briefly the [REDACTED] stellar inertial guidance system during our Hartford trip on 8 May. A briefing for you by [REDACTED] on this device has been arranged for 31 May. This is to cover the guidance system itself followed by a description of types of covert reconnaissance satellites incorporating this guidance mechanism and [REDACTED] solid rocket boosters.

25X1

2. I have attached a brief report by Convair-Fort Worth on a similar application of [REDACTED] guidance system to a satellite reconnaissance vehicle launched from a B-58. The Convair study originally used the Minuteman missile, but has been expanded to include also the [REDACTED] rocket motors.

25X1

3. Both companies have presented their ideas to [REDACTED] of SSD. I think Joe Charyk is interested in the Convair B-58 launcher proposal since he had STL study the use of Minuteman in this application. [REDACTED] did not have accurate B-58 data, but the Convair study supplied them. Conversely the original Convair study lacked accurate Minuteman data; hence the extension into the [REDACTED] rocket motor area.

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4. I am told the Air Force have ruled out the [REDACTED] Division guidance system from the new MRBM program insofar as they judge it to be a too long lead time development.

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SIGNED

EUGENE P. KIEFER  
Special Assistant for Technical Analysis  
Development Projects Division

Att: Convair-Fort Worth Report

[REDACTED]

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E.P.Kiefer:SA/TA/DPD:huj (23 May 1962)

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